

Application No. 10/551,614
Amendment dated October 17, 2006
First Preliminary Amendment

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Docket No.: 61038NAT(50531)

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AMENDMENTS TO THE CLAIMS

1. (Original) A composition comprising (essentially consisting of) a combination of essentially nonvolatile, unsaturated esters/ ethers/ ether-esters, and a low glass transition temperature (T_g) latex resin.
2. (Original) The composition of claim 1, further comprising a nonvolatile reactive amine.
3. (Currently amended) The composition of claim 1 ~~or~~ 2, further comprising a organometallic.
4. (Original) The composition of claim 1, wherein the composition is a latex coating, ink or paint.
5. (Currently amended) The composition of ~~any of~~ claims 1-4, wherein the coalescent comprises (consists essentially of) the combination of essentially nonvolatile, unsaturated esters/ ethers/ other-esters, and a low glass transition temperature (T_g) latex resin.
6. (Original) The composition of claim 5, wherein the coalescent further comprises (consists essentially of) a nonvolatile reactive amine.
7. (Original) The composition of claim 5, wherein the coalescent further comprises (consists essentially of) an organometallic.
8. (Original) The composition of claim 5, wherein the coalescent further comprises (consists essentially of) a nonvolatile reactive amine and a organometallic.
9. (Currently amended) The composition of ~~any of~~ claims 1-9, wherein the composition is essentially devoid of conventional surfactants.
10. (Original) A coalescent system for latex resins comprising a combination of essentially nonvolatile, unsaturated esters/ ethers/ ether-esters, and low T_g latex resins.

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11. (Currently amended) The composition of ~~any of~~ claims 1-10, wherein the unsaturated esters/ethers/ ether-esters comprise one or more hydroxyl functional groups.
12. (Original) A coalescent system for acrylic latex resins comprising a combination of essentially nonvolatile, unsaturated esters/ ethers/ ether-esters, and low Tg latex resin(s), and optionally from 0.2 to about 2 weight % of one or more organometallic based surfactants, and optionally from 0.1 to about 4% of essentially non-volatile reactive amine(s).
13. (Original) A coalescent system for vinyl, and or vinyl copolymer latex resins comprising a combination of from 1 to 15% essentially nonvolatile, unsaturated esters/ ethers/ ether-esters, and from 1 to 15% of low Tg latex resin(s), and optionally from 0.1 to about 2 weight % of one or more metallic based surfactants, and optionally from 0.1 to about 4% of essentially non-volatile reactive amine(s).
14. (Original) A coalescent system for styrenic copolymer latex resins comprising a combination of essentially nonvolatile, unsaturated esters/ ethers/ ether-esters, and low Tg latex resin(s), and optionally from 0.1 to about 2 weight % of one or more metallic based surfactants, and optionally from 0.1 to about 4% of essentially non-volatile reactive amine(s).
15. (Original) A coalescent system for polyurethane latex resins comprising a combination of essentially nonvolatile, unsaturated esters/ ethers/ ether-esters, and low Tg latex resin(s), and optionally from 0.1 to about 2 weight % of one or more metallic based surfactants, and optionally from 0.1 to about 4% of essentially non-volatile reactive amine(s).
16. (Original) A coalescent system for polyester latex resins comprising a combination of essentially nonvolatile, unsaturated esters/ ethers/ ether-esters, and low Tg latex resin(s), and optionally from 0.1 to about 2 weight % of one or more metallic based surfactants, and optionally from 0.1 to about 4% of essentially non-volatile reactive amine(s).

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17. (Original) A method for coalescing a latex resin comprising combining a latex resin with an essentially nonvolatile unsaturated ester/ ether/ ether-ester and a low Tg latex resin.
18. (Original) The method of claim 17, further comprising combining from 0.2 to about 2 weight % of one or more organometallic based surfactants.
19. (Original) The method of claim 17, further comprising combining from 0.1 to about 4 weight % of essentially non-volatile reactive amine(s).
20. (Original) The method of claim 18, further comprising combining from 0.1 to about 4 weight % of essentially non-volatile reactive amine(s).
- 21-30. (Canceled)